CLAIMS

1.   A method for providing location based configuration in a hybrid wired/wireless network, the method comprising:

identifying a location of a network device within the hybrid wired/wireless network;

determining configuration information corresponding to said determined location of said network device; and

communicating said determined configuration information to said networking device for providing location based configuration of said network device.

2.   The method according to claim 1, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

3.   The method according to claim 2, further comprising discovering configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

4.   The method according to claim 3, wherein said discovering further comprises scanning said database and said memory by said access device, access point and switching device to discover said configuration information.

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5.   The method according to claim 2, wherein said determining further comprises scanning at least one RF channel by at least one of said access point and said access device to discover said configuration information.

6.   The method according to claim 5, wherein said RF channel is at least one of a broadcast channel and a setup channel.

7.   The method according to claim 1, further comprising updating said network device with said communicated configuration information.

8.   The method according to claim 7, further comprising dynamically updating said network device with said communicated information whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

9.   The method according to claim 1, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

10.   The method according to claim 1, wherein said determining further comprises:

sending a ping message to at least one network routing device;

receiving routing information associated with said ping message; and

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triangulating locations of network routing devices named in said received routing information to determine said location of said network device.

11.   A machine-readable storage, having stored thereon a computer program having at least one code section for providing location based configuration in a hybrid wired/wireless network testing, the at least one code section executable by a machine for causing the machine to perform the steps comprising:

identifying a location of a network device within the hybrid wired/wireless network;

determining configuration information corresponding to said determined location of said network device; and

communicating said determined configuration information to said networking device for providing location based configuration of said network device.

12.   The machine-readable storage according to claim 11, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

13.   The machine-readable storage according to claim 12, further comprising code for discovering configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

14.   The machine-readable storage according to claim 13, wherein said discovering code section further comprises code for scanning said database and said memory by said access device, access point and switching device to discover said configuration information.

15.   The machine-readable storage according to claim 12, wherein said determining code section further comprises code for scanning at least one RF channel by at least one of said access point and said access device to discover said configuration information.

16.   The machine-readable storage according to claim 15, wherein said RF channel is at least one of a broadcast channel and a setup channel.

17.   The machine-readable storage according to claim 11, further comprising code for updating said network device with said communicated configuration information.

18.   The machine-readable storage according to claim 17, further comprising code for dynamically updating said network device with said communicated information whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

19.   The machine-readable storage according to claim 11, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

20.   The machine-readable storage according to claim 11, wherein said determining code section further comprises code for:

sending a ping message to at least one network routing device;

receiving routing information associated with said ping message; and

triangulating locations of network routing devices named in said received routing information to determine said location of said network device.

21.   A system for providing location based configuration in a hybrid wired/wireless network, the system comprising:

an identifier adapted to identify a location of a network device within the hybrid wired/wireless network;

a determinator adapted to determine configuration information corresponding to said determined location of said network device; and

a communicator adapted to communicate said determined configuration information to said networking device for providing location based configuration of said network device.

22.   The system according to claim 21, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

23.   The system according to claim 22, further comprising a discoverer adapted to discover configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

24.   The system according to claim 23, further comprising a scanner adapted to scan said database and said memory by said access device, access point and switching device to discover said configuration information.

25.   The system according to claim 22, further comprising a scanner adapted to scan at least one RF channel by at least one of said access point and said access device to discover said configuration information.

26.   The system according to claim 5, wherein said RF channel is at least one of a broadcast channel and a setup channel.

27.   The system according to claim 21, further comprising and updater adapted to update said network device with said communicated configuration information.

28. The system according to claim 27, wherein said updater may be adapted to dynamically update said network device with said communicated information whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

29. The system according to claim 21, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

30. The system according to claim 21, further comprising:

a sender adapted to send at least one ping message to a at least one network routing device;

a receiver adapted to receive routing information associated with said ping message; and

a triangulator adapted to triangulate locations of network routing devices named in said received routing information to determine said location of said network device.

31. The system according to claim 21, further comprising at least one querying agent for querying a network device for location information.

32. The system according to claim 22, further comprising at least one informing agent for informing at least one of said access point, access device and

switching device of at least one network parameter related to location based configuration.